

FIG 1A  
(PRIOR ART)

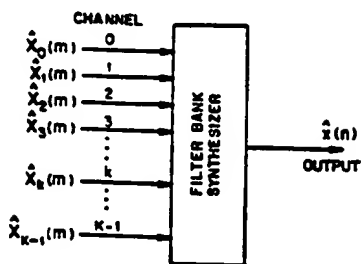


FIG 1B  
(PRIOR ART)

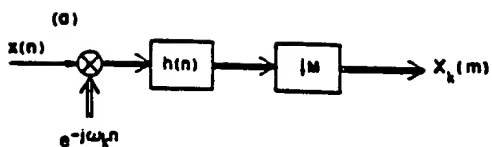


FIG 2A  
(PRIOR ART)

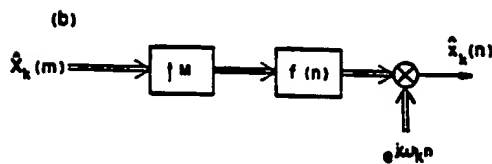


FIG 2B  
(PRIOR ART)

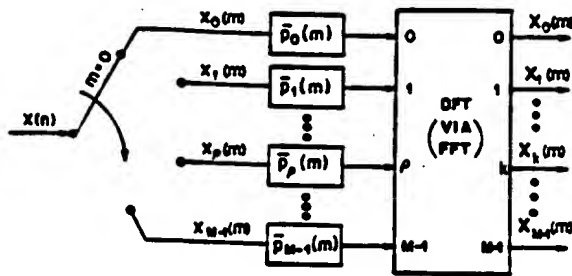


FIG 3A  
(PRIOR ART)

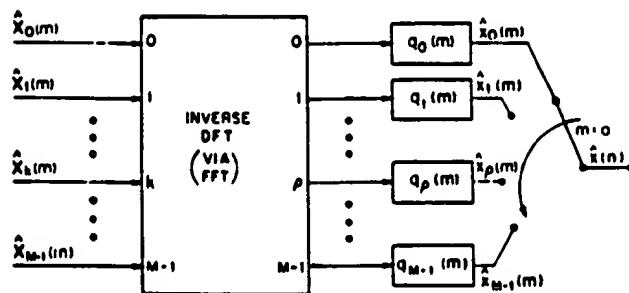


FIG 3B  
(PRIOR ART)

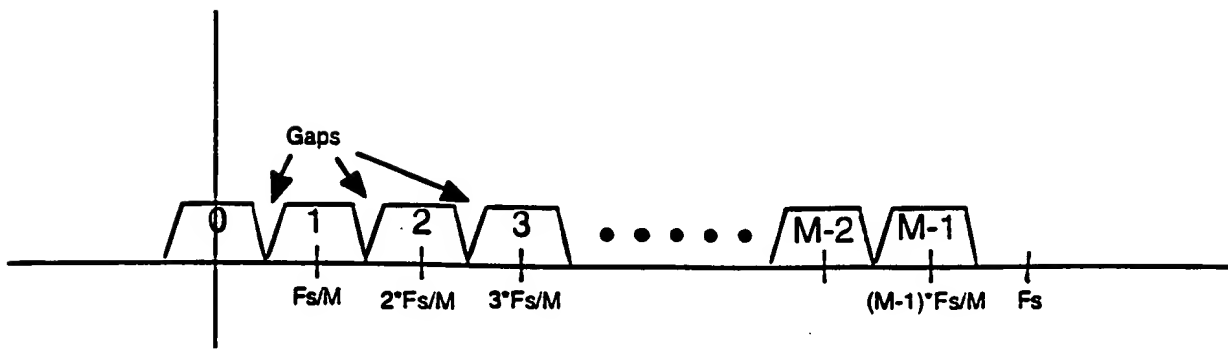


FIG 4  
(PRIOR ART)

# POLYPHASE FILTER

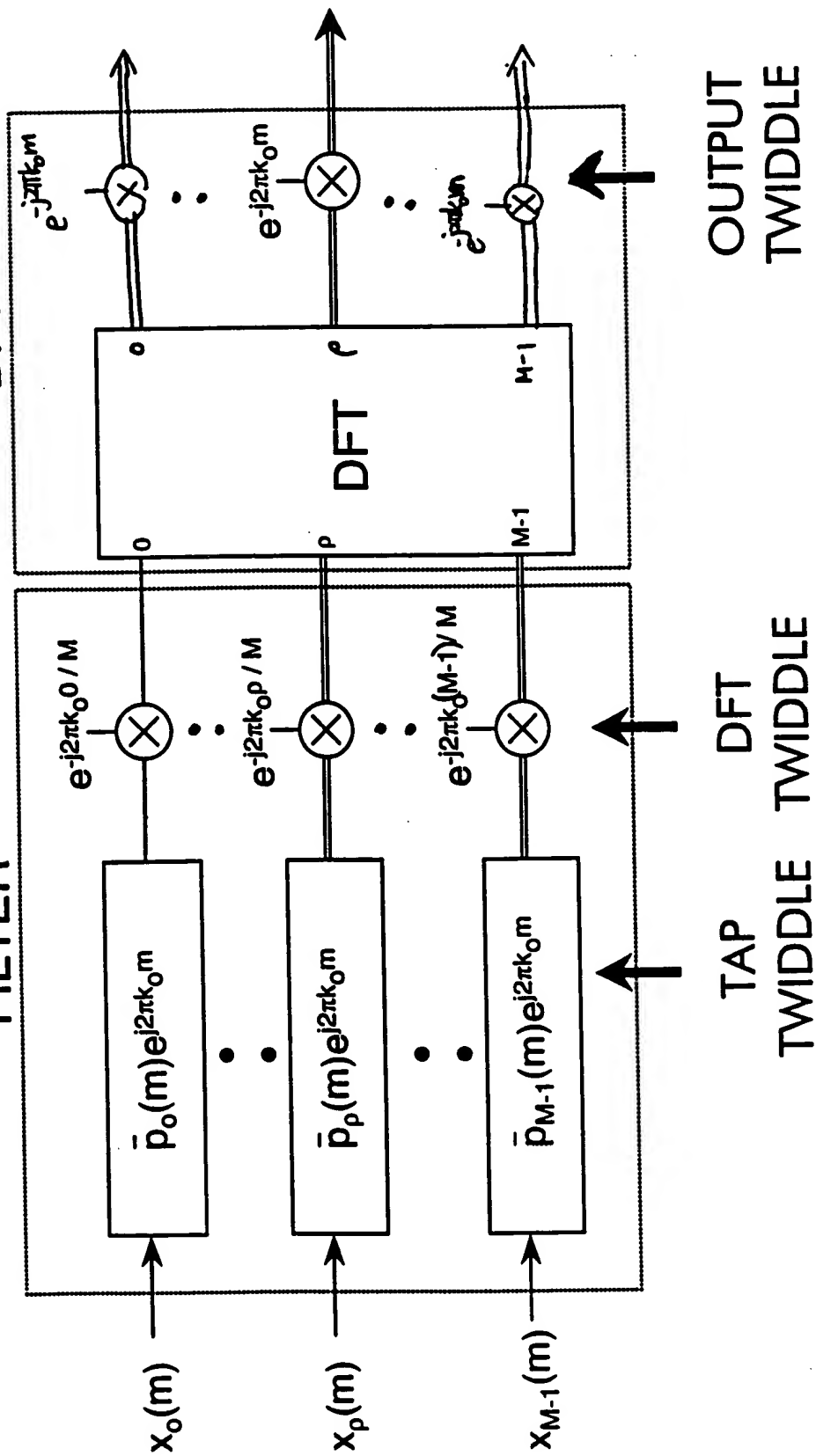


FIG. 5A  
(PRIOR ART)

# POLYPHASE FILTER

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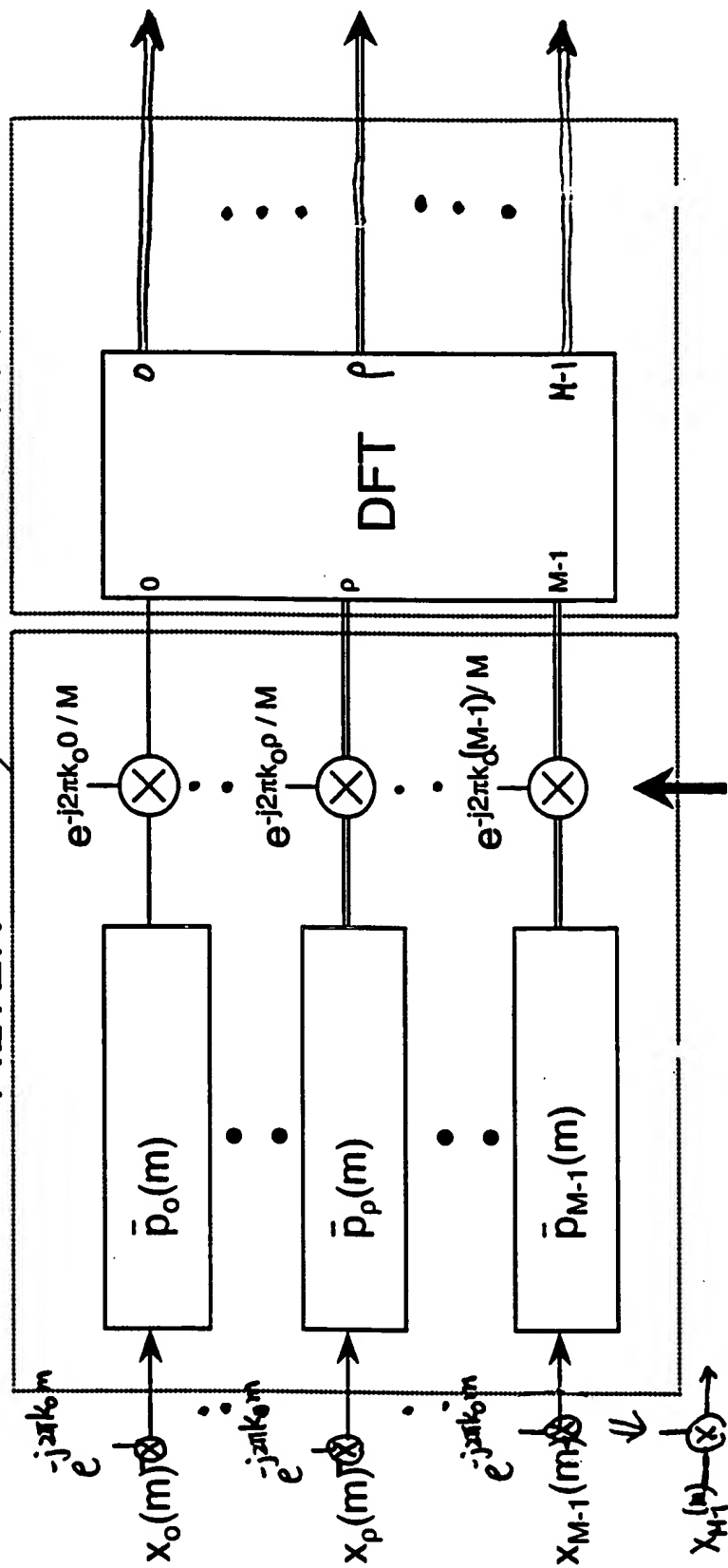


FIG. 5B

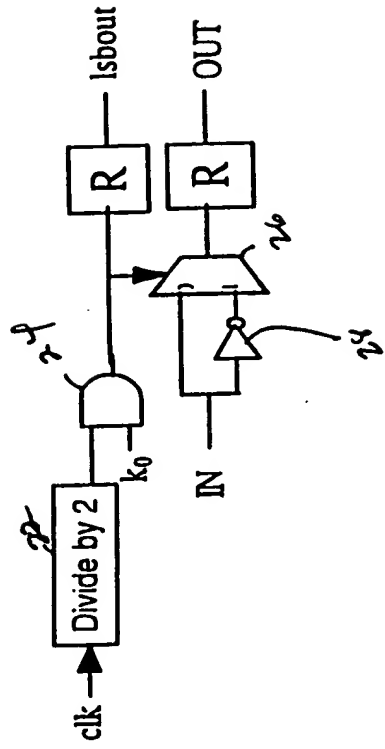
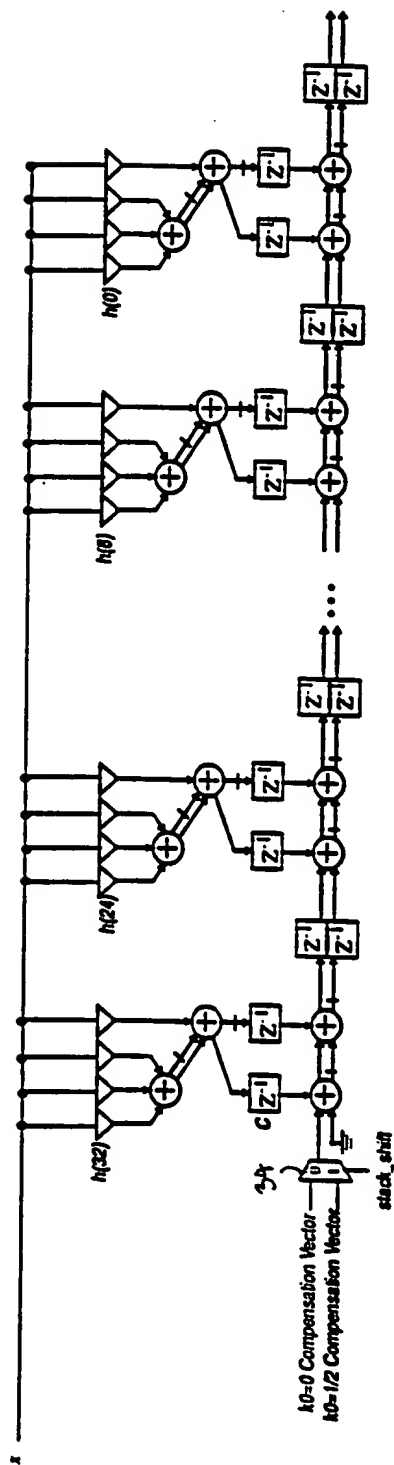


FIG 6

Sample Polyphase Filter Structure



Using compensation vector to perform LSB addition of two's complement negation

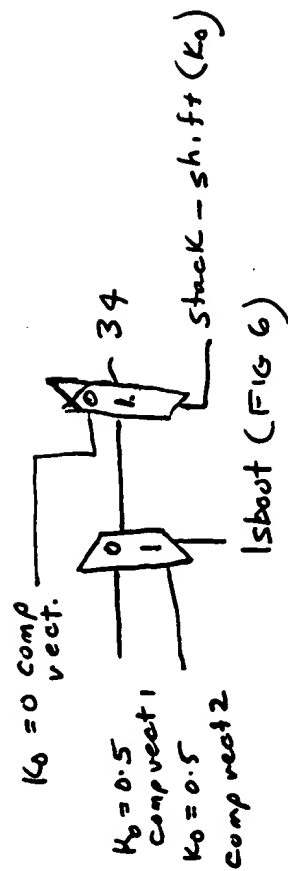


FIG 7B